

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4091	(606/114,110,115,127,128,159,180,170).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/24 10:23
L2	118	!f and ((aspirate or transport) same (ablate or cut or shear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:28
L3	1	"10591100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L4	7	US-5417703-\$.DID. OR US-5084052-\$.DID. OR EP-0582533-\$.DID. OR EP-02091994-\$.DID. OR WO-0054659-\$.DID. OR WO-9424941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L5	3	US-5873882-\$.DID. OR WO-9629941-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L6	1405	(606/84,159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L7	1255	(606/198).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43

L8	2011	604/35	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L9	2237	(604/22,70,531).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L10	4457	(606/170,180,128,194).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L11	4	L10 and ((helical or screw) near (cutting or shearing or fragmenting or removing or ablating or aspiring))	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L12	4	L10 and ((axial or coaxial) with (helical or screw) with (cutting or shearing or fragmenting or removing or ablating or aspiring))	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L13	3	US-5873882-\$.DID. OR WO-9629941-\$.DID.	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43

L14	13	US-4857046-\$.D.ID. OR US-5100426-\$.D.ID. OR US-5226909-\$.D.ID. OR US-5571122-\$.D.ID. OR EP-0267539-\$.D.ID. OR EP-04071993-\$.D.ID. OR EP-0310285-\$.D.ID. OR EP-04051989-\$.D.ID. OR EP-0448859-\$.D.ID. OR EP-10021991-\$.D.ID. OR EP-05271992-\$.D.ID. OR EP-0669106-\$.D.ID. OR EP-08301995-\$.D.ID. OR EP-02171999-\$.D.ID. OR EP-0680730-\$.D.ID. OR EP-11081995-\$.D.ID. OR EP-01241996-\$.D.ID. OR EP-0739603-\$.D.ID. OR EP-10301996-\$.D.ID. OR EP-08222001-\$.D.ID. OR WO-0249690-\$.D.ID. OR US-1516112-\$.D.ID. OR WO-9629941-\$.D.ID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L15	20	((IMMANUEL) near2 (STRAUB)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L16	9	straub near2 medical near2 AG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L17	260360	catheter or lumen or cannula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L18	2283996	screw or helical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L19	9535	Thrombec\$6 or athere\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43

L20	5399747	(Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L21	191519	(axial or coaxial or colinear) same (Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L22	2468	L17 and L18 and L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L23	306	L17 and L18 and L21 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L24	417569	(screw or helical) and (guidewire or thread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43
L25	240	L24 and L21 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 10:43

L26	56	("3732858"   "4669469"   "4955882"   "5074841").PN. OR ("5383884").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L27	25	("4857046"   "5112299"   "5269751"   "5383884").PN. OR ("5873882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L28	60	(US-20080255595-\$ or US-20080234706-\$ or US- 20080228208-\$ or US-20080221601-\$ or US- 20080188793-\$ or US-20080125798-\$ or US- 20080103500-\$ or US-20080097500-\$ or US- 20080065124-\$ or US-20030216761-\$ or US- 20030028206-\$ or US-20020169467-\$ or US- 20030114875-\$ or US-20020138091-\$).did. or (US- 5084052-\$ or US-5417703-\$ or US-5873882-\$ or US- 6689145-\$ or US-6676627-\$ or US-6652548-\$ or US- 6623496-\$ or US-6565588-\$ or US-6264667-\$ or US- 6238405-\$ or US-6206898-\$ or US-6113613-\$ or US- 6036708-\$ or US-6036707-\$ or US-5897567-\$ or US- 5702413-\$ or US-5312425-\$ or US-5242460-\$ or US- 5226909-\$ or US-5078723-\$ or US-4857046-\$ or US- 6616625-\$ or US-5947983-\$ or US-5823990-\$ or US- 5569277-\$ or US-5569178-\$).did. or (US-5334211-\$ or US-5078722-\$ or US-5074841-\$ or US-3732858-\$ or US- 5571089-\$ or US-5383884-\$ or US-4935025-\$ or US- 4867157-\$ or US-4844064-\$ or US-5876414-\$ or US- 6156046-\$ or US-5882329-\$ or US-5860938-\$ or US- 5855563-\$ or US-5746701-\$).did. or (WO-9629941-\$). did. or (WO-0054659-\$ or US-5417703-\$ or US-5084052- \$ or WO-9629941-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2009/04/24 10:43
L29	0	L28 and (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43

L30	61	medical with (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L31	104	medical with catheter with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L32	30	("3618613"   "4610674"   "4636346"   "4705511"   "4806182"   "4875481"   "5066285"   "5143409"   "5167647"   "5181750"   "5330449"   "5333650"   "5380301"   "5466230"   "5507732"   "5509910"   "5599325"   "5676659").PN. OR ("6068622").UPPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 10:43
L33	3	"20030114875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L34	87	"4705511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 10:43
L35	7083323	L1 L2 L3 L4 L5 "s4" L6 L7 L8 "s8" L9 L10 L11 L12 L13 L14 L15 L16 "s17" L17 L18 L19 L20 L21 L22 L23 L24 "s26" L25 L26 L27 L28 L29 L30 L31 L32 L33 L34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:43
L36	0	l35 and @pd> "20090424"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:45

S1	1	"10591100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:28
S2	7	US-5417703-\$.D.ID. OR US-5084052-\$.D.ID. OR EP-0582533-\$.D.ID. OR EP-02091994-\$.D.ID. OR WO-0054659-\$.D.ID. OR WO-9424941-\$.D.ID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:59
S3	3	US-5873882-\$.D.ID. OR WO-9629941-\$.D.ID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 14:03
S5	1359	(606/84,159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 14:14
S6	1237	(606/198).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 15:17
S7	1968	604/35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 15:20
S9	2173	(604/22,70,531).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 15:31
S10	4383	(606/170,180,128,194).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 16:02

S11	4	S10 and ((helical or screw) near (cutting or shearing or fragmenting or removing or ablating or aspiring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:06
S12	4	S10 and ((axial or coaxial) with (helical or screw) with (cutting or shearing or fragmenting or removing or ablating or aspiring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:08
S13	3	US-5873882-\$.D.ID. OR WO-9629941-\$.D.ID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:54
S14	13	US-4857046-\$.D.ID. OR US-5100426-\$.D.ID. OR US-5226909-\$.D.ID. OR US-5571122-\$.D.ID. OR EP-0267539-\$.D.ID. OR EP-04071993-\$.D.ID. OR EP-0310285-\$.D.ID. OR EP-04051989-\$.D.ID. OR EP-0448859-\$.D.ID. OR EP-10021991-\$.D.ID. OR EP-05271992-\$.D.ID. OR EP-0669106-\$.D.ID. OR EP-08301995-\$.D.ID. OR EP-02171999-\$.D.ID. OR EP-0680730-\$.D.ID. OR EP-11081995-\$.D.ID. OR EP-01241996-\$.D.ID. OR EP-0739603-\$.D.ID. OR EP-10301996-\$.D.ID. OR EP-08222001-\$.D.ID. OR WO-0249690-\$.D.ID. OR US-1516112-\$.D.ID. OR WO-9629941-\$.D.ID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:56
S15	20	((IMMANUEL) near2 (STRAUB)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 16:59
S16	9	straub near2 medical near2 AG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/12 08:06



S18	248945	catheter or lumen or cannula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:11
S19	2232684	screw or helical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:11
S20	9270	Thrombec\$6 or athere\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:12
S21	5251381	Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:12
S22	189018	(axial or coaxial or colinear) same (Abila\$6 or emulsif\$6 or fragment or Remove or aspire or cut or scrape or shear)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:14
S23	2323	S18 and S19 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:15

S24	296	S18 and S19 and S22 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:15
S25	407164	(screw or helical) and (guidewire or thread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:19
S27	232	S25 and S22 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 08:21
S28	45	("3732858"   "4669469"   "4955882"   "5074841").PN. OR ("5383884").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 08:29
S29	23	("4857046"   "5112299"   "5269751"   "5383884").PN. OR ("5873882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 08:30
S30	60	(US-20080255595-\$ or US-20080234706-\$ or US- 20080228208-\$ or US-20080221601-\$ or US- 20080188793-\$ or US-20080125798-\$ or US- 20080103500-\$ or US-20080097500-\$ or US- 20080065124-\$ or US-20030216761-\$ or US- 20030028206-\$ or US-20020169467-\$ or US- 20030114875-\$ or US-20020138091-\$).did. or (US- 5084052-\$ or US-5417703-\$ or US-5873882-\$ or US- 6689145-\$ or US-6676627-\$ or US-6652548-\$ or US- 6623496-\$ or US-6565588-\$ or US-6264667-\$ or US- 6238405-\$ or US-6206898-\$ or US-6113613-\$ or US- 6036708-\$ or US-6036707-\$ or US-5897567-\$ or US- 5702413-\$ or US-5312425-\$ or US-5242460-\$ or US- 5226909-\$ or US-5078723-\$ or US-4857046-\$ or US- 6616625-\$ or US-5947983-\$ or US-5823990-\$ or US- 5569277-\$ or US-5569178-\$).did. or (US-5334211-\$ or	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/11/13 08:39

		US-5078722-\$ or US-5074841-\$ or US-3732858-\$ or US-5571089-\$ or US-5383884-\$ or US-4935025-\$ or US-4867157-\$ or US-4844064-\$ or US-5876414-\$ or US-6156046-\$ or US-5882329-\$ or US-5860938-\$ or US-5855563-\$ or US-5746701-\$). did. or (WO-9629941-\$). did. or (WO-0054659-\$ or US-5417703-\$ or US-5084052-\$ or WO-9629941-\$). did.				
S31	0	S30 and (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 08:40
S32	58	medical with (reinforce\$6 near (tube or lumen or catheter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 08:41
S33	98	medical with catheter with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 09:23
S34	30	("3618613"   "4610674"   "4636346"   "4705511"   "4806182"   "4875481"   "5066285"   "5143409"   "5167647"   "5181750"   "5330449"   "5333650"   "5380301"   "5466230"   "5507732"   "5509910"   "5599325"   "5676659").PN. OR ("6068622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/13 11:44
S35	2	"20030114875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 13:27

S36	87	"4705511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 13:28
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4/24/2009 11:05:08 AM

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\10591100\_Cather\_for\_aspirating\_fragmenting\_and\_removing\_material.wsp